

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	20	(US-20040036022-\$).did. or (US-5239180-\$ or US-6646264-\$ or US-4883953-\$ or US-6236048-\$ or US-5533509-\$ or US-6587575-\$ or US-5710630-\$ or US-4427889-\$ or US-6152889-\$ or US-6157041-\$ or US-5321265-\$ or US-6035246-\$).did. or (US-6025597-\$ or US-5515847-\$ or US-5529755-\$ or US-4655225-\$ or US-6113541-\$ or US-5743262-\$ or US-6049727-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/15 11:27
L6	11	L5 and (nm) and transmi\$5	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/15 11:52
L7	10	L5 and (nm) and intensity	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/15 11:52
S1	572	250/339.12	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/12/12 08:54
S28	431	250/339.12.ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/11/02 11:11
S29	364	250/339.11.ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/11/02 11:11
S30	346	250/339.13.ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/11/02 13:18
S31	148	250/339.01.ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/11/02 11:11
S32	100	250/339.05.ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/11/02 11:11
S33	1081	250/343.ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/11/02 11:11

## EAST Search History

S34	13	(US-4427889-\$ or US-5321265-\$ or US-5533509-\$ or US-5710630-\$ or US-6152889-\$ or US-6157041-\$).did. or (US-4655225-\$ or US-5515847-\$ or US-5529755-\$ or US-5743262-\$ or US-6049727-\$ or US-6025597-\$ or US-6113541-\$).did.	USPAT; DERWENT	OR	ON	2005/11/02 12:04
S36	37	S28 and S35	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/02 13:31
S37	21	S29 and S35	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/02 13:32
S38	15	S30 and S35	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/02 12:07
S39	2	S31 and S35	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/02 12:07
S40	3	S32 and S35	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/02 12:07
S41	21	S33 and S35	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/02 12:07
S42	5	S28 and S35 and food	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/02 12:07
S43	3	S29 and S35 and food	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/02 12:16
S44	3	S30 and S35 and food	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/02 13:30
S45	1	S31 and S35 and food	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/02 12:07

## EAST Search History

S46	1	S32 and S35 and food	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/02 12:07
S47	5	S33 and S35 and food	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/02 12:07
S48	4	S28 and S35 and food and intensity	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/02 12:17
S49	2	S29 and S35 and food and intensity	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/02 13:21
S50	2	S30 and S35 and food and intensity	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/02 12:17
S51	1	S31 and S35 and food and intensity	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/02 13:21
S52	1	S32 and S35 and food and intensity	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/02 12:17
S53	5	S33 and S35 and food and intensity	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/02 12:17
S54	45	("4260262"   "4266878"   "4286327"   "4540286"   "4627008"   "4692620"   "4752689"   "4806764"   "4997280"   "5021662"   "5092819"   "5106339"   "5159199"   "5166755"   "5206699"   "5218207"   "5241178"   "5258825"   "5319200"   "5327708"   "5351117"   "5406084"   "5460177"   "5476108"   "5480354"   "5616851"   "5642498"   "5736410"   "5751421").PN. OR ("6100526"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/02 13:02

## EAST Search History

S55	58	("3578866"   "3597616"   "3776642"   "3861788"   "3876881"   "3886331"   "4037970"   "4040747"   "4108847"   "4146332"   "4253766"   "4260262"   "4448790"   "4463261"   "4540282"   "4560275"   "4649281"   "4806764"   "4836017"   "4866644"   "4925305"   "4997280"   "5130158"   "5132538"   "5173079"   "5212765"   "5218529"   "5224203"   "5239180"   "5241178"   "5308981"   "5317524"   "5327708"   "5351338"   "5406084"   "5410021"   "5442438"   "5448069"   "5472511"   "5478748"   "5517302"   "5559034"   "5578931"   "5605577"   "5617511"   "5619618"   "5689333"   "5697373"   "5751421"   "5755672"   "5844086"   "5898792"   "5986749"   "5991025"   "6001412"   "6005076"   "6100526"   "6483583").PN. OR ("6851662").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/02 13:11
S56	2	S54 and S35	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/02 13:03
S57	2	S55 and S35	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/02 13:03
S58	851	Gore.in.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/02 13:11
S59	26	Gore.in. and organic and food	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/02 13:11
S60	1001	356/237.1.ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/11/02 13:18
S61	15	S60 and food and intensity	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/02 13:22

## EAST Search History

S62	3	S60 and food and organic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/02 13:22
S63	1	((organic same substance) and food and (infrared adj absorption) and (wavelength adj region) and (absorption adj (band or spectrum)) and (intensity same (electrical adj signal)) and (signal adj processor) and algorithm).clm.	US-PGPUB	OR	ON	2005/11/02 13:25
S64	1	((organic same substance) and food and (infrared adj absorption) and (wavelength adj region) and (absorption adj (band or spectrum)) and (intensity same (electrical adj signal)) and (signal adj processor) and algorithm and ((wavelength adj band) same "n-1")).clm.	US-PGPUB	OR	ON	2005/11/02 13:27
S65	0	((organic same substance) and food and (infrared adj absorption) and (wavelength adj region) and (absorption adj (band or spectrum)) and (intensity same (electrical adj signal)) and (signal adj processor) and algorithm and ((wavelength adj band) same "-1")).clm.	US-PGPUB	OR	ON	2005/11/02 13:28
S66	1	((organic same substance) and food and (infrared adj absorption) and (wavelength adj region) and (absorption adj (band or spectrum)) and (intensity same (electrical adj signal)) and (signal adj processor) and algorithm and ((wavelength adj band) same (subset same n))).clm.	US-PGPUB	OR	ON	2005/11/02 13:27
S67	1	(electromagnetic and (organic same substance) and food and (infrared adj absorption) and (wavelength adj region) and (absorption adj (band or spectrum)) and (intensity same (electrical adj signal)) and (signal adj processor) and algorithm and ((wavelength adj band) same (subset same n))).clm.	US-PGPUB	OR	ON	2005/11/02 13:31

## EAST Search History

S69	1	((organic same substance) and food and (wavelength adj region) and (absorption adj (band or spectrum)) and (intensity same (electrical adj signal)))	US-PGPUB	OR	ON	2005/11/02 13:30
S70	83	((organic same substance) and (intensity same (electrical adj signal)))	US-PGPUB	OR	ON	2005/11/02 13:30
S71	2	S28 and S70	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/02 13:30
S72	2052	electromagnetic and (organic same substance)	US-PGPUB	OR	ON	2005/11/02 13:31
S73	2	S28 and S72	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/02 13:31
S74	10362	(organic or concentrat\$4 or food) and wavelength and (absorption adj spectrum)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/02 13:32
S75	92	S28 and S74	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/02 13:32
S76	36	S29 and S74	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/02 13:33
S77	85	S30 and S74	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/02 13:32
S78	13	S31 and S74	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/02 13:33
S79	8	S32 and S74	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/02 13:33
S80	141	S33 and S74	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/02 13:33

## EAST Search History

S81	2	S60 and S74	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/02 13:33
S82	38	("4306152"   "4427889"   "4491730"   "4655225"   "4805623"   "4882492"   "4883953"   "4975581"   "5023804"   "5054487"   "5070874"   "5086229"   "5121337"   "5146091"   "5209231"   "5222495"   "5222496"   "5242602"   "5252829"   "5267152"   "5349189"   "5355880"   "5360004"   "5435309"   "5459317"   "5460177"   "5553613").PN. OR ("6236047"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/02 13:33
S83	46	("20030031597"   "3787124"   "4350441"   "4397956"   "4655225"   "4730112"   "4819752"   "5081998"   "5111817"   "5204532"   "5277181"   "5348003"   "5361758"   "5370114"   "5372136"   "5377674"   "5379764"   "5412581"   "5452716"   "5481113"   "5576544"   "5606164"   "5655530"   "5692503"   "5713353"   "5720284"   "5725480"   "5773301"   "5823951"   "5857462"   "5900632"   "5933792"   "6040578"   "6067463"   "6087182"   "6115673"   "6121050"   "6124134"   "6157041"   "6161028"   "6198949"   "6236047"   "6262798"   "6285448"   "6426045"   "6580934").PN. OR ("6862534").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/02 13:33
S84	1	("4968932").PN. OR ("6670820"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/02 13:33

## EAST Search History

S14 8	16	(US-6157041-\$ or US-6587575-\$ or US-6152889-\$ or US-5321265-\$ or US-5533509-\$ or US-5239180-\$ or US-4427889-\$ or US-4883953-\$ or US-5710630-\$).did. or (US-5743262-\$ or US-5529755-\$ or US-5515847-\$ or US-4655225-\$ or US-6113541-\$ or US-6025597-\$ or US-6049727-\$).did.	USPAT; DERWENT	OR	ON	2006/12/11 12:29
S15 1	8	S148 and transmi\$5 and infrared	USPAT; DERWENT	OR	ON	2006/12/11 12:32
S15 2	11	S148 and transmi\$5	USPAT; DERWENT	OR	ON	2006/12/11 12:32
S15 3	455	250/339.12.ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/12/13 09:52
S15 4	289	S153 and (absorp\$5 or transmi\$5) and wavelength and signal and process\$4	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/12/13 09:51
S15 5	50	S154 and food	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/12/12 08:55
S15 6	22	("3161768"   "3803384"   "3839633"   "3972625"   "4076983").PN. OR ("4247773").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/13 08:59
S15 7	7	S156 and (absorp\$5 or transmi\$5) and wavelength and signal and process\$4	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/12/13 14:22
S15 8	1504	(non\$1 adj (absorp\$5 or transmi\$5)) and wavelength and signal and process\$4	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/12/13 11:16
S15 9	1	250/339.12.ccls. and S158	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/12/13 10:17
S16 0	3437	((non\$1 or no or "not") adj (absorp\$5 or transmi\$5)) and wavelength and signal and process\$4	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/12/13 10:17
S16 1	19	250/339.12.ccls. and S160	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/12/13 11:16



## EAST Search History

S16 2	9	("4451152"   "4563581"   "4627008"   "4640614"   "5065416"   "5241178"   "6020588").PN. OR ("6236048"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/13 11:12
S16 3	204	250/339.12.ccls. and (absorp\$5 or transmi\$5) and wavelength and signal and process\$4 and intensity	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/12/13 11:16
S16 4	29	S163 and food	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/12/13 11:17
S16 5	20	(US-20040036022-\$).did. or (US-6157041-\$ or US-4427889-\$ or US-6152889-\$ or US-4883953-\$ or US-5321265-\$ or US-5533509-\$ or US-5710630-\$ or US-6236048-\$ or US-6646264-\$ or US-5239180-\$ or US-6587575-\$ or US-6035246-\$).did. or (US-4655225-\$ or US-5515847-\$ or US-5529755-\$ or US-5743262-\$ or US-6025597-\$ or US-6113541-\$ or US-6049727-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/13 14:22
S16 6	11	intensity and (absorp\$5 or transmi\$5) and wavelength and signal and process\$4 and S165	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/12/14 09:49
S16 7	20	(US-20040036022-\$).did. or (US-6587575-\$ or US-6236048-\$ or US-6646264-\$ or US-6157041-\$ or US-6152889-\$ or US-5533509-\$ or US-6035246-\$ or US-5710630-\$ or US-5321265-\$ or US-5239180-\$ or US-4883953-\$ or US-4427889-\$).did. or (US-6025597-\$ or US-6049727-\$ or US-6113541-\$ or US-5743262-\$ or US-5515847-\$ or US-5529755-\$ or US-4655225-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/14 09:39
S16 8	11	intensity and (absorp\$5 or transmi\$5) and wavelength and signal and process\$4 and S167	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/12/14 09:40
S16 9	10	intensity and (absorp\$5 or transmi\$5) and wavelength and signal and process\$4 and (function or ratio or formula or algorithm) and S167	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/12/14 09:40

## EAST Search History

S17 0	20	(US-20040036022-\$).did. or (US-6157041-\$ or US-4427889-\$ or US-6152889-\$ or US-4883953-\$ or US-5321265-\$ or US-5533509-\$ or US-5710630-\$ or US-6236048-\$ or US-6646264-\$ or US-5239180-\$ or US-6587575-\$ or US-6035246-\$).did. or (US-4655225-\$ or US-5515847-\$ or US-5529755-\$ or US-5743262-\$ or US-6025597-\$ or US-6113541-\$ or US-6049727-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/14 09:49
S17 1	12	(absorp\$5 or transmi\$5) and wavelength and signal and process\$4 and S170	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/12/14 09:50